AZ500-2

Paper Paperboard & Wood Pulp

MONTHLY STATISTICAL SUMMARY - Vol.68 No.4 APRIL 1990

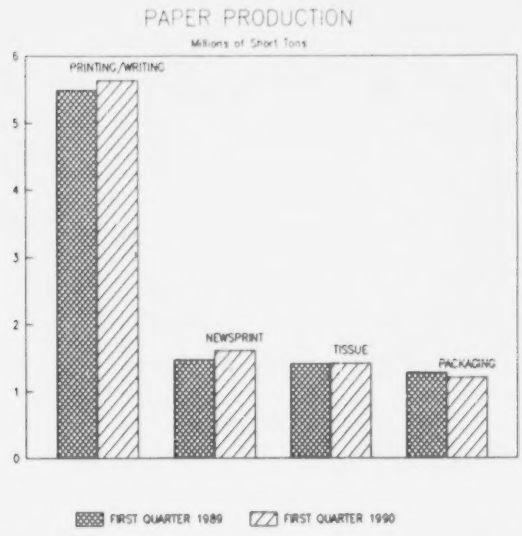
PRODUCTION INCHING UPWARD

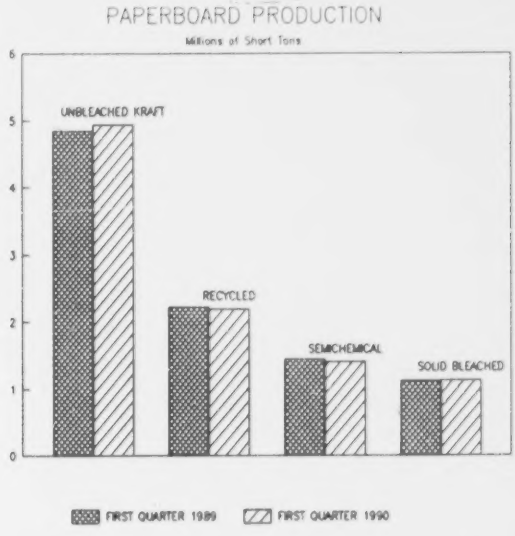
Paper and paperboard production recovered from the fourth quarter 1989 impacts of cold weather, Hurricane Hugo and the West Coast earthquakes. The first quarter 1990 seasonally-adjusted production rate was 77.7 million tons per year, 1.3% above its year-ago rate, with paper showing a somewhat larger increase than paperboard.

Paper: Newsprint production advances, reflecting the addition of two new mills and another new machine at an existing mill, continue to lead the paper grades. Total consumption of newsprint in the United States, however, is holding near its year-ago level, with small increases in consumption at newspapers offsetting declines in inserts.

Gains in production of uncoated groundwood dominate the changes in the printing-writing grades. This probably reflects continuation of a trend by book publishers and commercial printers toward greater use of the uncoated groundwood grades. Coated papers are making modest gains, equally shared by the coated groundwood and coated free sheet sectors.

The declines evident in shipments of unbleached kraft paper grades largely reflect weakness in grocers bag and sack papers, with the multiwall bag and sack market showing relatively smaller declines. Part of these dips were offset by the expansion of paper shipments for wraps and other converted products.





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Paperboard: Production of unbleached kraft linerboard for domestic use was 1.1% ahead of its year-ago level in the first quarter of 1990, just about offsetting the decline in production of the recycled grades. Corrugating medium followed an opposite trend, with increases in the recycled grades tempering a 2.2% drop in semichemical corrugating medium.

On balance, total first quarter 1990 production of containerboard for domestic use was only fractionally below its pace at this time last year, which compares to a 0.8% gain in shipments of fiber boxes. Inventories of containerboard at mills and plants ended the quarter at 5.9 weeks of supply, equal to their year-end 1989 rate.

Total containerboard production, at an annual rate of 26.6 million tons, edged 0.5% ahead of its comparable 1989 rate, due primarily to an 8% surge in production for export.

Total boxboard production registered a 0.3% gain in the first quarter of 1990. Folding boxboard production moved up 0.4% from this period last year with an 8.1% advance in the unbleached kraft sector outweighing a 3.6% setback in the bleached sector.

Milk carton and food service boxboard for domestic use rose 1.0% from its year-ago level, led by a 6% gain in milk carton stock and a smaller increase in cup stock. Total output of these grades was strengthened by a jump in exports. The 11.7% boost in total boxboard for export was concentrated in these grades.

Year-to-date production of other boxboard for domestic use continues to lag the pace it set last year, but production in March 1990 rallied to equal that of March 1989.

FIBROUS MATERIALS

March production of chemical paper grade market wood pulp, at 571,000 short tons, brought year-to-date production to 1.8 million tons, which was well ahead of shipments. At the end of the first quarter of 1989 shipments and production were nearly equal and producers' inventories were a scant 13 days of supply. By the end of March 1990 these inventories had more than doubled to 27 days of supply, remaining close to the recent highs posted in the first two months of 1990.

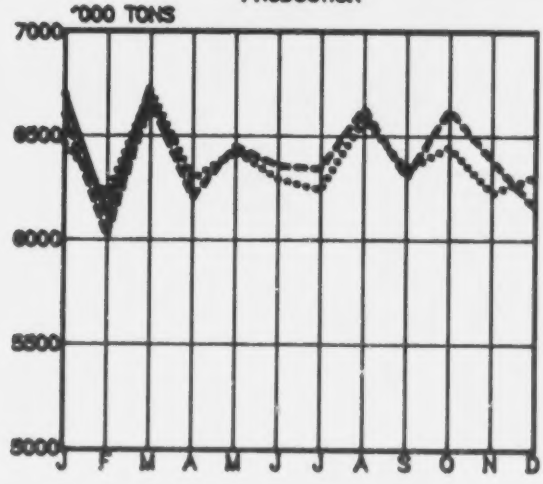
The chemical paper grade market wood pulp capacity utilization rate dipped to 86% in March, lowering the year-to-date average to 93%, compared to 99% in the first quarter last year. This rate represented a high relative to the other major pulp manufacturing countries: Canada, Sweden and Finland.

Continued on Page 11

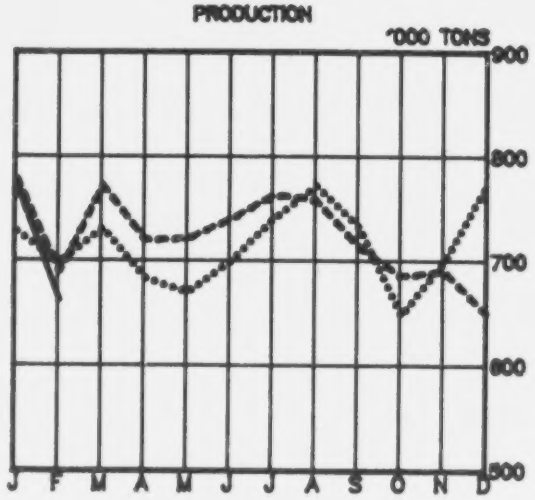
PAPER AND PAPERBOARD STATISTICS PRODUCTION, SHIPMENTS AND ORDERS (Thousands of Tons)	YEAR 1988	YEAR 1989	DEC 1989	JAN 1990	FEB R 1990	MAR P 1990	Annual Rate Y-T-D 1990	% Change From Same Period Last Year
PAPER								
Newsprint – Production	5,982	6,088	532	553	510	543	6,422	9.3
– Shipments	5,969	6,079	529	548	515	543	6,426	11.3
Printing & Writing: Total Shipments	21,857	21,540	1,684	1,932	1,779	1,929	22,560	2.8
Groundwood Paper – Shipments	1,624	1,754	123	157	142	160	1,832	6.7
– New Orders	1,654	1,784	150	162	150	136	1,792	3.8
– Unfilled Orders	208	211	211	224	234	216	216	5.7
Coated Papers – Shipments	7,359	7,194	585	643	578	616	7,349	2.5
– New Orders	7,412	7,262	585	612	531	645	7,149	1.9
– Unfilled Orders	751	822	822	787	737	761	761	8.7
Unctd Free Sheet – Shipments	11,277	11,043	864	996	930	1,008	11,734	2.4
– New Orders	11,298	11,132	914	960	992	1,091	12,172	8.4
– Unfilled Orders	790	784	784	743	816	897	897	31.0
Thin Papers – Shipments	281	245	18	23	21	23	265	5.8
Cotton Fiber Paper – Shipments	167	157	12	13	14	15	168	-0.7
Bleached Bristols – Shipments	1,150	1,148	82	100	96	107	1,213	2.3
Tissue Paper – Production	5,476	5,636	480	474	452	492	5,669	0.9
Total Packaging & Other Paper	5,047	4,925	402	419	375	412	4,826	-5.5
Unbl. Kraft Paper – Shipments	2,800	2,681	216	216	190	211	2,469	-12.3
Other Paper – Production	2,247	2,243	186	203	185	201	2,357	2.8
TOTAL PAPER PRODUCTION – UNADJUSTED	38,363	38,189	3,077	3,378	3,116	3,375	39,477	2.4
TOTAL PAPER PRODUCTION – SEAS ADJ			3,090	3,291	3,295	3,226	39,249	2.4
PAPERBOARD – PRODUCTION								
Containerboard	26,225	26,428	2,162	2,284	2,052	2,301	26,550	0.5
Cont'bd For Dom Use for Fibre Boxes	23,563	23,752	1,908	2,027	1,819	2,038	23,535	-0.1
Total Linerboard	16,177	16,399	1,291	1,389	1,248	1,408	16,178	0.1
Unbleached Kraft	15,601	15,833	1,252	1,352	1,224	1,365	15,761	1.1
Solid Bleached	170	178	10	13	8	14	141	-17.9
Recycled	407	388	28	25	16	28	276	-31.3
Corrugating Medium	7,351	7,339	617	637	570	629	7,344	-0.3
Semichemical	5,528	5,554	468	478	419	472	5,472	-2.2
Recycled	1,823	1,785	149	159	152	157	1,872	5.5
Container Chip and Filler	35	14	1	1	1	1	12	-34.0
Other Containerboard for Dom Use	320	307	27	23	18	26	270	-13.3
Containerboard for Export	2,342	2,369	227	234	215	237	2,745	7.8
Boxboard	11,878	12,029	911	1,029	946	1,051	12,102	0.3
Boxboard for Packaging for Dom Use	7,014	7,076	536	611	559	622	7,166	0.8
Folding Boxboard	5,293	5,370	399	463	422	473	5,432	0.4
Solid Bleached	2,017	1,980	153	183	152	165	1,916	-3.6
Unbleached Kraft	924	987	65	86	83	92	1,044	8.1
Recycled	2,353	2,403	180	214	187	217	2,472	0.7
Set-up Boxboard for Dom Use	279	288	20	27	26	27	322	6.5
Milk Carton & Food Service Dom Use	1,442	1,419	118	120	111	122	1,413	1.0
Other Boxboard for Domestic Use	4,075	4,089	299	345	313	349	4,028	-2.8
Boxboard for Export	789	863	76	73	74	80	907	11.7
Paperboard Production by Furnish	38,103	38,456	3,073	3,313	2,998	3,352	38,651	0.5
Unbleached Kraft	19,140	19,490	1,569	1,687	1,536	1,714	19,747	2.0
Semichemical	5,664	5,691	480	490	430	485	5,619	-2.7
Solid Bleached Kraft	4,511	4,521	372	384	356	388	4,510	1.2
Recycled	8,788	8,754	652	752	677	765	8,775	-1.3
Paperboard Production for Export	3,132	3,227	300	306	289	318	3,652	9.0
Unbleached Kraft	2,296	2,373	224	228	211	231	2,673	7.2
Semichemical	136	137	12	12	12	13	148	-16.6
Bleached Kraft	628	683	60	64	64	69	787	22.1
Recycled	72	34	3	4	2	4	44	24.8
TOTAL PAPERBOARD PRODUCTION – UNADJ	38,103	38,456	3,073	3,313	2,998	3,352	38,651	0.5
TOTAL PAPERBOARD PROD – SEAS ADJ			3,139	3,206	3,185	3,220	38,440	0.3
PAPER AND PAPERBOARD – UNADJ	76,466	76,646	6,150	6,691	6,114	6,727	78,128	1.4
PAPER AND PAPERBOARD – SEAS ADJ			6,229	6,497	6,479	6,446	77,689	1.3

R – Revised P – Preliminary Seas. Adj. – Seasonally Adjusted Unadj – Not Seasonally Adjusted

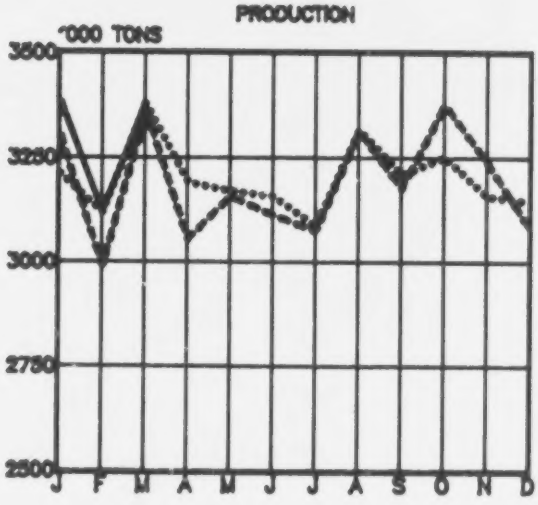
TOTAL PAPER AND PAPERBOARD
PRODUCTION



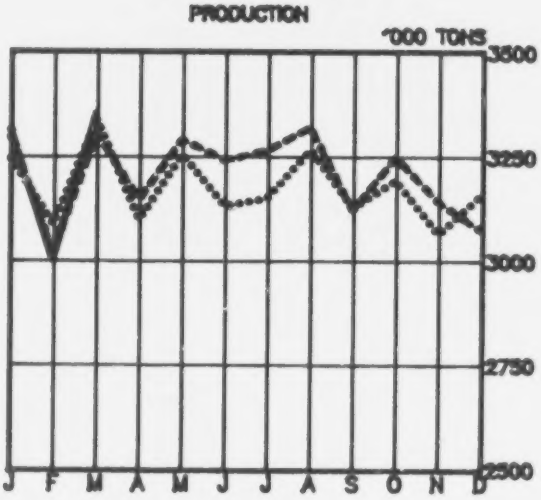
MARKET WOOD PULP
PRODUCTION



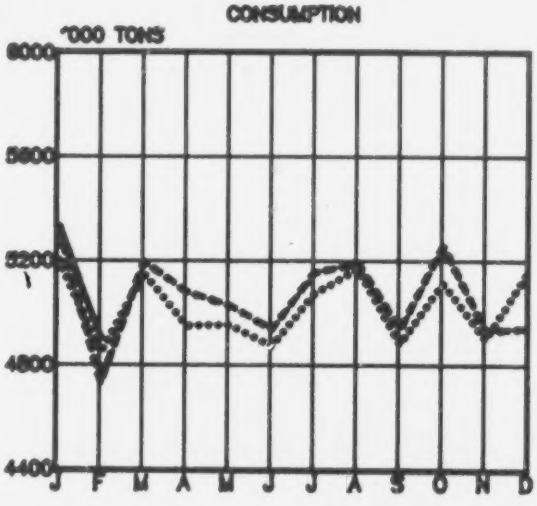
TOTAL PAPER
PRODUCTION



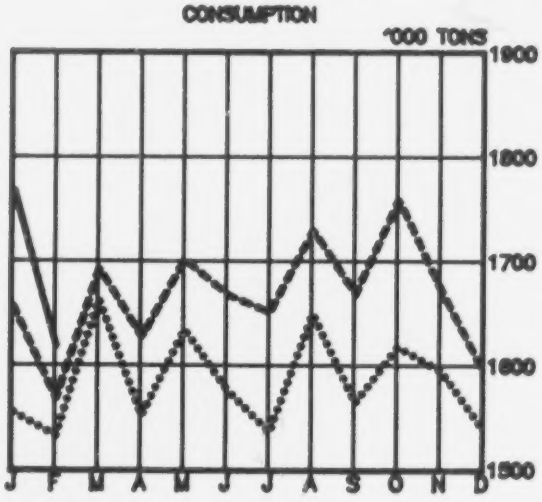
TOTAL PAPERBOARD
PRODUCTION



TOTAL WOOD PULP
CONSUMPTION



TOTAL WASTE PAPER
CONSUMPTION



1988 •••••••• 1989 – – – – 1990 ————

WOOD PULP STATISTICS (Thousands of Tons)			YEAR 1988	YEAR 1989	NOV 1989	DEC 1989	JAN R 1990	FEB P 1990	Annual Rate Y-T-D 1990	% Change From Same Period Last Year
TOTAL WOOD PULP										
Total Wood Pulp	Production		61,161	61,998	5,021	4,991	5,480	4,989	62,811	1.9
	Imports	A	5,038	5,005	388	398	413	425	5,025	1.3
	Exports		5,528	6,231	347	585	420	410	4,981	-13.9
	New Supply		60,671	60,772	5,062	4,805	5,473	5,003	62,854	3.4
Dissolving Pulp	Production		1,367	1,425	133	117	125	92	1,299	-5.5
	Imports		248	284	11	21	17	20	224	-8.6
	Exports		865	836	53	90	58	52	660	-11.0
	New Supply		751	873	90	48	85	59	863	-1.7
Paper Grades	Production		49,493	50,181	4,032	3,995	4,418	4,048	50,798	1.4
Chemical Pulp	Imports	A	4,419	4,370	338	343	372	368	4,440	0.0
	Exports		4,612	5,325	290	490	357	355	4,268	-13.9
	New Supply		49,300	49,226	4,079	3,848	4,434	4,061	50,970	2.8
Groundwood and	Production		5,943	6,029	505	523	548	509	6,341	10.5
Thermo-Mech	Imports	A	371	351	39	34	23	37	360	31.1
	Exports		51	70	3	5	6	3	53	-39.4
	New Supply		6,263	6,309	541	552	566	543	6,649	12.2
Semi-Chemical	Production		4,358	4,363	351	357	389	340	4,372	-0.9
	Imports									
	Exports									
	New Supply		4,358	4,363	351	357	389	340	4,372	-0.9
MARKET WOOD PULP										
Total Market	Production		8,565	8,664	689	648	770	660	8,579	-2.3
Wood Pulp	Imports		3,471	3,340	251	282	266	260	3,157	-1.4
	Exports		5,071	5,310	318	501	311	422	4,396	-9.3
	New Supply		6,966	6,694	623	429	725	499	7,341	2.8
Dissolving Pulp	Production		1,365	1,422	132	117	125	91	1,298	-5.4
	Imports		206	210	8	17	7	17	143	-1.2
	Exports		798	821	48	93	64	53	699	-2.4
	New Supply		774	810	92	41	68	55	742	-7.3
Paper Grades	Production		7,200	7,242	557	531	645	569	7,281	-1.8
Chemical Pulp	Imports		3,126	3,072	233	261	257	242	2,992	-0.8
	Exports		4,273	4,489	269	409	247	369	3,697	-10.5
	New Supply		6,052	5,825	520	384	654	442	6,576	4.4
Groundwood Pulp	Production		0	0	0	0	0	0	0	0.0
and All Other	Imports		139	58	10	3	2	2	22	-45.9
	Exports		0	0	0	0	0	0	0	0.0
	New Supply		139	58	10	3	2	2	22	-45.9

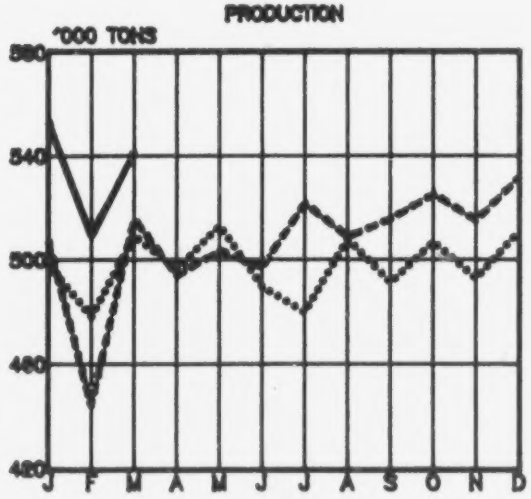
SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports – Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports – Department of Commerce.
NOTE: A – API shifted import data from January 1989 to December 1988 to compensate for misallocation of reported data.

FIBROUS RAW MATERIALS (Thousands of tons)	YEAR 1988	YEAR 1989	NOV 1989	DEC 1989	JAN R 1990	FEB P 1990	Annual Rate 1990	% Change From Same Period Last Year
CONSUMPTION AT PAPER & PAPERBOARD MILLS								
Total	79,315	80,722	6,607	6,540	7,097	6,519	81,695	2.6
Total Wood Pulp	60,294	60,725	4,933	4,945	5,330	4,900	61,382	1.8
Waste Paper	19,021	19,997	1,674	1,595	1,767	1,618	20,313	5.0
INVENTORIES								
Chemical Paper Grade Market Pulp								
Producers' Own-Use Inventories	172	178	188	193	192	215	215	20.6
Producers' Market Inventories	261	354	446	342	518	529	529	49.5
Consumers' Purchased Inventories #	622	608	529	519	539	542	542	-10.9
Waste Paper at Paper & Bd. Mills	1,044	1,033	1,111	1,095	1,114	1,065	1,065	3.1
Days of Supply at Pulp Mills of								
Chemical Paper Grade Mkt Pulp	14	18	25	19	30	29	29	61.1

SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API.
Includes all grades of wood pulp
P – Preliminary; R – Revised; (0) – Indicates zero to five-hundred short tons

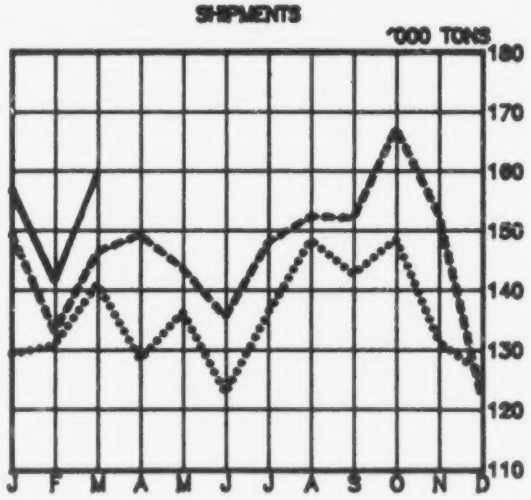
NEWSPRINT

PRODUCTION



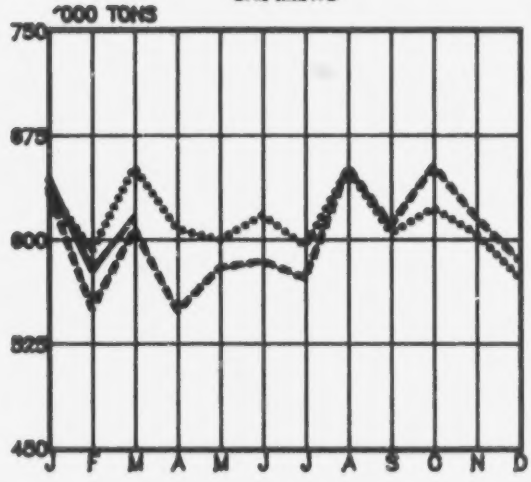
GROUNDWOOD PAPER, UNCOATED

SHIPMENTS



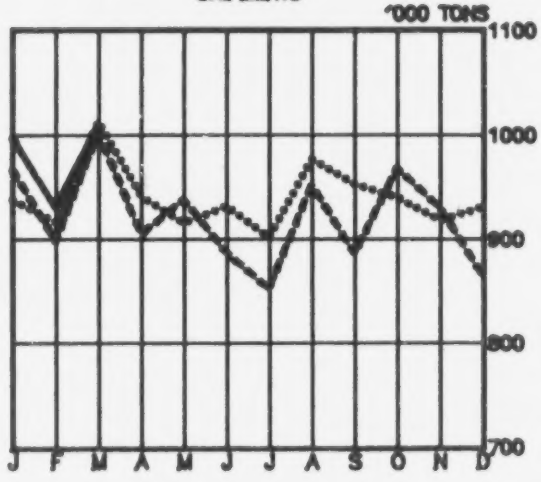
COATED PAPER

SHIPMENTS



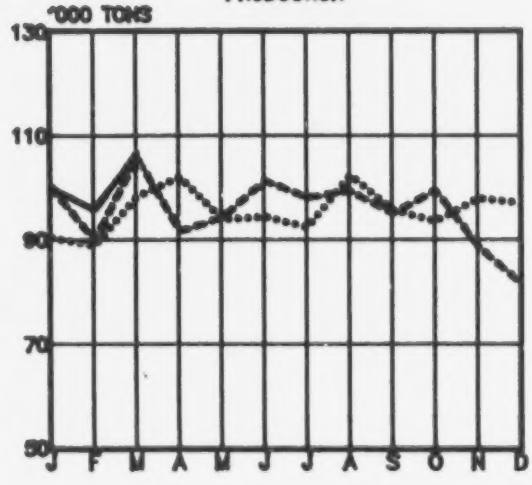
UNCOATED FREE SHEET PAPERS

SHIPMENTS



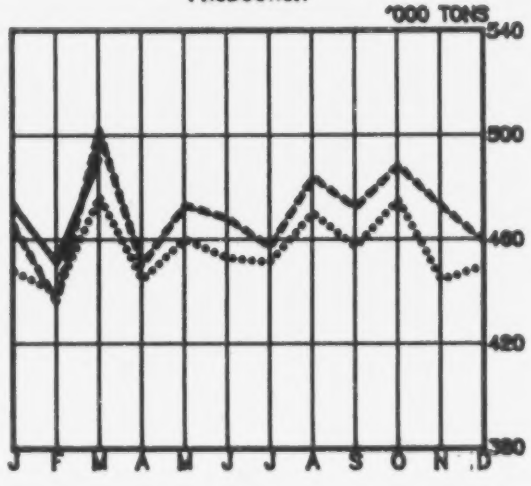
BLEACHED BRISTOLS

PRODUCTION



TISSUE PAPER

PRODUCTION



1988 ..... 1989 ------1990 ———

FIBROUS RAW MATERIALS (Thousands of Standard (128 Cu. ft.) Cord	YEAR 1988	YEAR 1989	NOVEMBER 1989	DECEMBER 1989	JANUARY 1990	FEBRUARY 1990	ANNUAL RATE Y-T-D 1990	% CHANGE FROM SAME PD LAST YEAR
PULPWOOD								
Total U.S. – Total Receipts	95,537	99,279	8,202	7,844	8,741	8,215	101,736	4.7
– Total Consumpt	95,497	98,414	8,070	7,936	8,553	8,108	99,966	2.9
– Residues *	33,186	34,539	2,806	2,808	3,100	2,854	35,724	5.6
– Inventories	4,888	5,462	5,581	5,462	5,571	5,597	5,597	19.1
So. Atlantic – Total Receipts	31,582	31,982	2,609	2,474	2,885	2,691	33,456	5.1
– Total Consumpt	31,587	32,239	2,529	2,585	2,763	2,636	32,514	0.6
– Residues *	9,897	9,961	793	833	1,015	877	11,352	9.1
– Inventories	1,200	936	1,037	936	1,000	1,017	1,017	-8.8
Northeast – Total Receipts	7,187	7,242	558	596	692	649	8,046	-1.0
– Total Consumpt	7,216	7,072	563	538	639	591	7,380	1.7
– Residues *	1,664	1,575	118	108	127	125	1,512	-16.3
– Inventories	572	522	475	522	553	599	599	-12.8
South Central – Total Receipts	33,751	35,840	3,097	2,788	3,057	2,966	38,138	9.0
– Total Consumpt	33,646	35,791	3,068	2,891	3,064	3,019	36,498	7.4
– Residues *	9,890	10,539	946	844	924	919	11,058	14.0
– Inventories	1,160	1,336	1,434	1,336	1,304	1,172	1,172	23.0
North Central – Total Receipts	6,865	7,020	588	581	688	660	8,088	2.0
– Total Consumpt	6,929	6,963	602	561	631	571	7,212	3.4
– Residues *	1,334	1,422	136	126	112	104	1,296	-7.3
– Inventories	839	938	909	938	999	1,081	1,081	10.4
West – Total Receipts	16,152	17,195	1,370	1,405	1,419	1,249	18,008	-0.5
– Total Consumpt	16,139	16,349	1,308	1,381	1,436	1,291	16,362	-1.7
– Residues *	10,401	11,042	811	897	922	829	10,506	-0.3
– Inventories	1,117	1,730	1,726	1,730	1,715	1,728	1,728	78.3

* – Consumption of Residues in cords equivalent

SOURCE: American Pulpwood Association

UNITED STATES TRADE WITH CANADA	IMPORTS FROM CANADA * YEAR 1989 Tons	YEAR 1989 ($000)	JANUARY 1990 Tons	JANUARY 1990 ($000)	FEBRUARY 1990 Tons	FEBRUARY 1990 ($000)	ANNUAL RATE Y-T-D 1990 Tons	% CHANGE FROM SAME PD LAST YEAR
Pulpwood, Roundwood (in cords of 128 cubic feet)	211,061	4,582	22,552	355	0	0	0	-100.0
Pulpwood chips	792,186	27,339	49,961	1,646	61,739	2,051	670,196	-36.9
Wood Pulp, Total A	4,353,343	2,599,247	381,417	232,367	378,635	230,341	4,560,309	0.6
Waste Fibrous Materials, Total	164,217	31,659	13,244	2,899	11,450	2,760	148,164	-28.2
Paper, Board & Products, Total A	10,966,831	6,104,181	932,936	513,784	917,689	500,472	11,103,750	5.1
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd. A	10,807,659	5,782,419	921,657	486,777	906,501	473,543	10,968,944	6.3
Paper, Paperboard & Products A	10,830,545	6,065,465	923,901	511,306	908,541	496,086	10,994,651	6.7
Paper & Paperboard, Only A	10,651,373	5,743,703	912,622	484,329	897,353	471,157	10,859,846	7.9
Paper, Total A	10,234,256	5,579,018	880,145	472,203	859,852	456,896	10,439,981	7.9
Newsprint A	8,330,874	4,278,705	694,954	347,224	688,371	342,387	8,299,949	5.7
Printing, Writing & Rel. Pap. A	1,579,698	1,069,263	151,737	99,978	144,501	94,516	1,777,431	20.6
Pack. & Ind. Conv. Paper	217,159	119,140	20,505	11,538	15,557	9,045	216,370	-10.5
Special Industrial Paper	49,045	60,344	7,048	7,503	5,728	5,688	76,651	83.9
Tissue Paper	57,481	51,567	5,901	5,960	5,695	5,261	69,580	11.3
Paperboard, Total	417,117	164,885	32,477	12,126	37,500	14,261	419,865	8.3
Convtd Paper&Paperbd Products	179,172	321,782	11,279	27,007	11,189	26,929	134,806	-43.4
Wet Machine Board	293	245	93	74	34	24	782	449.8
Construction Paper & Board	155,993	38,472	8,942	2,374	9,114	2,362	108,337	-58.2

NOTE: A – API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

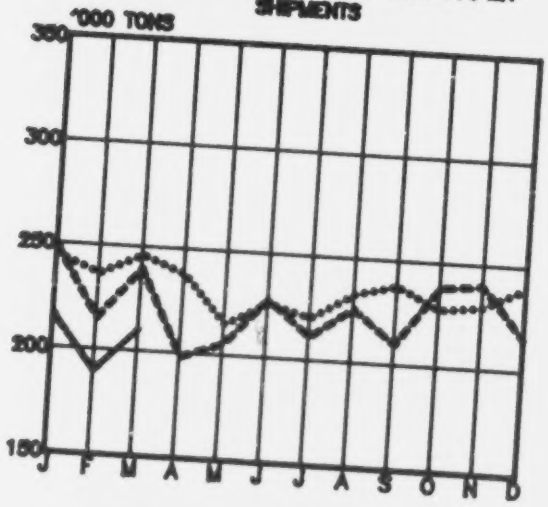
NOTE: 1990 EXPORT DATA NOT FULLY COMPARABLE WITH 1989'S.

	EXPORTS TO CANADA *							
Pulpwood, Roundwood (in cords of 128 cubic feet)	62,892	1,120	29,481	3,911	36,301	3,830	394,692	263028.0
Pulpwood chips	28,218	1,241	10,804	592	9,975	534	124,670	831.8
Wood Pulp, Total	352,896	141,272	38,793	16,367	29,806	14,432	399,593	79.3
Cotton Pulp & Other Pulp	6,215	4,249	341	301	151	180	2,950	-63.8
Waste Paper	284,379	38,555	51,418	8,969	44,012	8,359	572,577	112.5
Paper, Board & Products, Total	1,083,228	763,613	100,268	107,485	87,883	98,708	1,128,905	56.2
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	754,575	497,470	77,526	68,552	66,887	63,273	866,479	83.2
Paper, Paperboard & Products	1,062,560	755,810	100,202	107,430	87,781	98,625	1,127,773	59.0
Paper & Paperboard, Only	733,907	489,868	77,480	68,497	66,765	63,190	865,347	88.3
Paper, Total	371,208	340,312	44,959	50,760	41,451	47,933	518,458	105.8
Newsprint	8,316	5,891	2,476	1,055	907	506	20,291	273.7
Printing, Writing & Rel. Pap.	228,021	222,055	30,452	34,540	31,094	34,727	369,275	144.0
Pack. & Ind. Conv. Paper	65,390	29,624	4,705	3,252	4,053	2,887	52,546	80.4
Special Industrial Paper	62,645	72,955	6,152	10,508	4,560	8,928	64,272	4.2
Tissue Paper	6,934	9,787	1,175	1,306	837	886	12,073	174.4
Paperboard, Total	362,701	149,358	32,501	17,737	25,314	15,258	348,889	67.1
Convtd Paper&Paperbd Products	328,653	266,143	22,742	38,933	20,998	35,435	262,426	5.0
Wet Machine Board	1,628	880	0	0	0	0	0	-100.0
Construction Paper & Board	19,040	7,143	86	56	122	83	1,132	-90.8

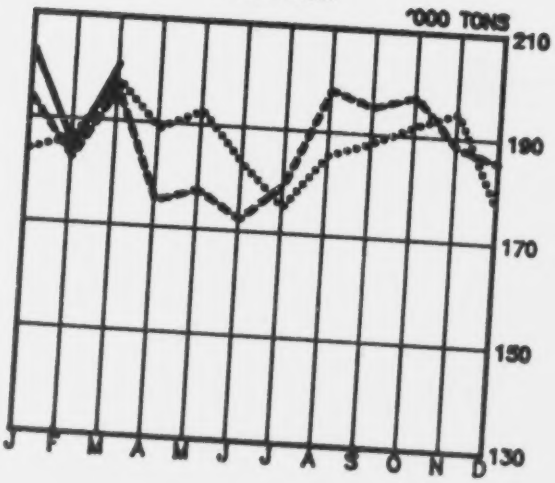
SOURCE: Bureau of Census, Department of Commerce .

E – Estimate of tonnage based on square foot data

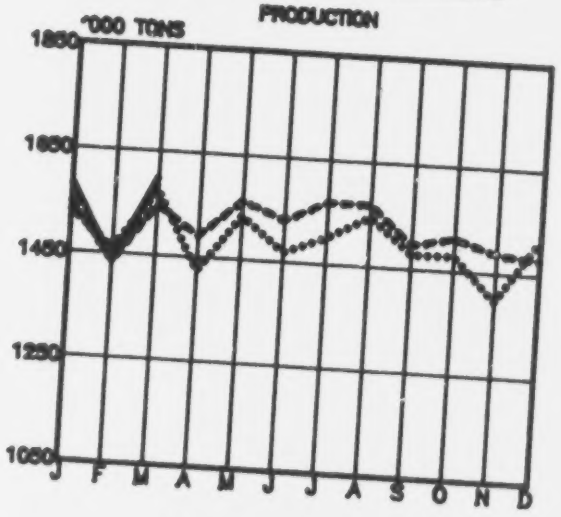
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER SHIPMENTS



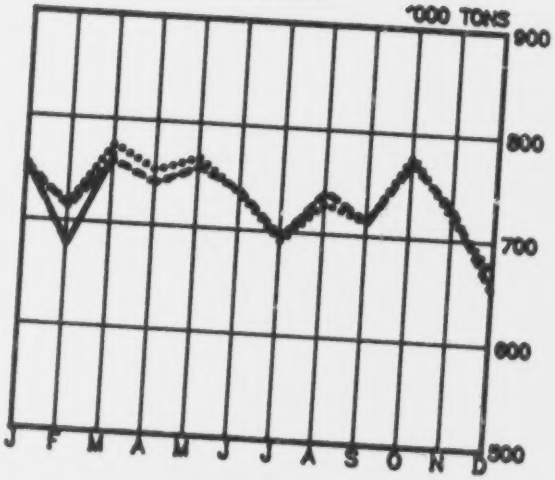
OTHER PAPER PRODUCTION



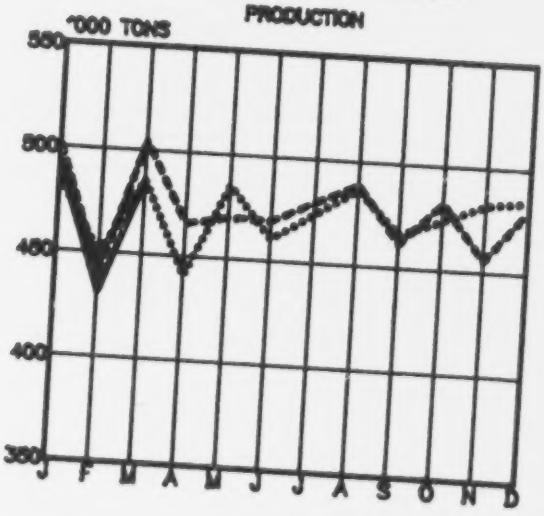
UNBLEACHED KRAFT LINERBOARD PRODUCTION



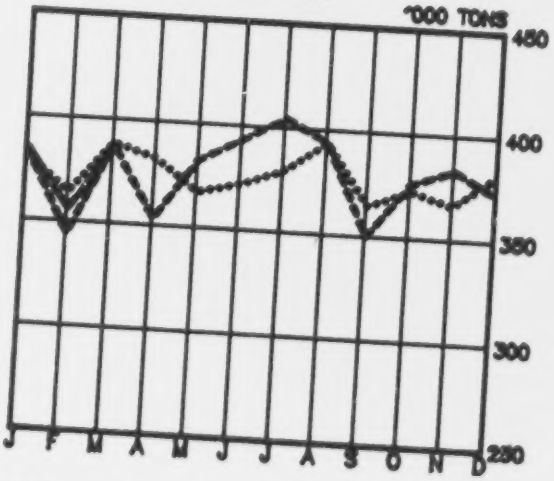
RECYCLED PAPERBOARD PRODUCTION



SEMICHEMICAL PAPERBOARD PRODUCTION



SOLID BLEACHED PAPERBOARD PRODUCTION



1988 ..... 1989 ----- 1990 ——

PULP, PAPER AND PAPERBOARD IMPORTS		YEAR 1989		JANUARY 1990		FEBRUARY 1990		Annual Rate YTD 1990	% Change from same Period
		Tons	$000	Tons	$000	Tons	$000	Tons (1)	Last Year
Pulpwood Roundwood (cords)		211,061	4,582	0	0	0	0	0	-100.0
Pulpwood Chips		805,361	27,759	49,968	1,653	61,810	2,073	670,792	-36.5
Total All Imports	A	18,288,889	11,352,263	1,549,588	979,442	1,479,426	913,470	18,174,088	1.4
Wood Pulp Total	A	5,005,100	2,980,642	412,713	251,205	424,736	259,524	5,024,697	1.3
Waste Paper		172,575	33,197	12,317	2,316	9,861	1,828	133,070	-40.5
Other Fibrous Materials		11,254	8,518	1,285	830	1,804	1,153	18,538	81.8
Paper Board & Products Total	A	13,101,072	8,329,906	1,123,272	725,090	1,043,025	650,965	12,967,782	2.2
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	A	12,537,474	7,231,648	1,069,571	634,813	1,010,787	570,647	12,602,148	4.5
Paper Ppbd & Prds ex Cnst&WMB	A	12,910,205	8,279,503	1,113,139	722,120	1,032,932	647,944	12,876,427	3.6
Paper & Paperboard Only	A	12,347,748	7,181,244	1,079,438	631,843	1,000,694	567,627	12,480,791	6.1
Paper Total	A	11,814,263	5,900,798	1,037,868	602,452	966,514	545,978	11,960,291	6.2
Newsprint	A	8,553,401	4,379,613	721,716	359,069	693,808	345,118	8,493,138	5.7
Printing & Writing	A	2,732,978	1,996,141	264,433	188,324	220,263	156,099	2,908,177	9.2
Uncoated Groundwood		1,304,114	817,785	113,258	70,508	87,038	51,977	1,201,776	-4.6
Coated Print & Impreg. Pap.	A	774,022	655,484	79,544	64,571	71,110	57,130	903,921	33.7
Uncoated Free Sheet	A	583,077	462,404	65,766	46,308	56,585	40,394	734,105	13.5
Thin (except Cigarette)		12,711	15,200	1,052	1,280	616	739	10,010	-37.0
Bristols		59,052	68,267	4,814	5,657	4,914	5,859	58,386	-10.2
Total Pkg & Other Paper		407,087	414,353	41,901	45,282	32,052	35,929	443,719	-1.1
Unbleached Kraft Paper		239,303	116,011	22,325	10,583	15,996	7,999	229,922	-16.7
Other Pkg. & Indust. Paper		167,785	298,342	19,576	34,699	16,057	27,930	213,797	23.8
Tissue		120,797	110,691	9,819	9,778	9,391	8,830	115,257	-3.2
Paperboard, Total		533,485	280,148	41,569	29,390	45,181	21,651	520,490	3.8
Test or Containerboard		85,048	34,401	8,251	3,446	9,605	4,140	107,137	44.2
Semi-Chemical Corrugating		118,176	36,462	8,803	2,590	8,053	2,242	101,132	-13.9
Other Paperboard		330,262	209,584	24,515	23,354	27,523	15,269	312,231	0.9
Convtd Paper&Paperbd Products		562,457	1,098,259	33,701	90,277	32,238	80,318	395,636	-40.1
Paper Products, Total		470,471	924,729	26,510	76,851	24,207	66,531	304,305	-47.4
Paperboard Products, Total		91,986	173,529	7,191	13,426	8,031	13,787	91,331	10.7
Wet machine Board		606	580	109	89	62	54	1,027	306.6
Construction Paper & Board E		189,119	49,824	10,025	2,882	10,030	2,966	120,328	-59.6
Notes									
Other: No Weight Avail. ($000)			136,624		7,797		8,576	98,236	0.8
Total Imports Incl. Other($000)			11,488,886		987,239		922,045	11,455,703	4.3

NOTE: A – API shifted import data from January 1989 to December 1988 to compensate for misallocation of reported data.

NOTE: 1990 EXPORT DATA NOT FULLY COMPARABLE WITH 1989'S.

PULP, PAPER AND PAPERBOARD EXPORTS	YEAR 1989		JANUARY 1990		FEBRUARY 1990		Annual Rate YTD 1990	% Change from same Period
	Tons	$000	Tons	$000	Tons	$000	Tons (1)	Last Year
Pulpwood, Roundwood (cords)	137,617	3,475	38,561	4,149	38,074	3,952	459,750	489.3
Pulpwood Chips	4,357,811	386,154	315,702	30,409	366,691	34,284	4,088,178	13.5
Total All Exports	18,633,674	8,604,233	1,534,689	741,951	1,379,368	671,666	17,484,341	0.2
Wood Pulp,Total	8,231,172	3,512,804	420,045	251,821	410,181	242,753	4,981,357	-13.9
Cotton Pulp and Other Pulp	122,045	100,510	7,174	7,088	11,675	9,506	113,090	22.6
Waste and Old Paper	5,980,620	729,797	525,675	67,099	457,375	55,904	5,898,300	2.3
Paper, Board & Products,Total	6,299,837	4,261,322	581,796	416,142	500,137	363,506	6,491,594	11.7
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	5,259,802	2,982,974	493,902	292,459	417,298	249,338	5,467,186	12.5
Paper, Ppbd & Prod ex Cnst&WMB	6,263,560	4,246,565	581,234	415,834	499,456	363,150	6,484,139	12.3
Paper & Paperboard, Only	5,223,525	2,968,218	493,340	292,152	416,615	248,982	5,459,732	13.2
Paper, Total	1,466,821	1,233,814	131,303	121,270	115,602	106,798	1,481,429	13.9
Newsprint	624,798	357,361	49,913	25,816	39,560	20,870	536,962	-14.9
Printing & Writing	478,270	465,456	55,958	58,949	53,333	55,988	655,742	89.5
Uncoated Groundwood	88,056	84,766	6,299	5,100	4,006	3,827	61,826	-10.5
Clay Coated Paper	188,538	131,418	16,939	17,863	15,843	15,858	196,890	104.9
Uncoated Free Sheet	122,348	166,830	20,237	24,995	18,304	22,578	231,244	147.8
Other Printing & Writing	99,329	102,442	12,483	10,991	15,181	13,725	165,982	89.6
Total Pkg. & Other Paper	342,041	380,790	22,429	32,786	20,268	29,510	256,298	-16.5
Unbleached Kraft	125,818	80,318	8,045	4,901	8,315	4,383	98,158	-12.5
Other Pkg. & Indust. Paper	216,223	320,472	14,384	27,885	11,973	25,127	158,140	-18.7
Tissue	20,712	30,187	3,004	3,720	2,401	2,429	32,428	90.0
Paperboard, Total	3,757,704	1,734,402	362,037	170,882	301,013	140,188	3,978,302	13.0
Solid Wood Pulp	3,572,758	1,646,152	343,326	160,540	283,388	131,436	3,760,272	11.6
Total Linerboard	2,499,716	935,364	252,368	93,550	208,968	77,351	2,766,011	11.5
Bleached Kraft Linerboard	283,113	127,787	32,855	14,268	22,804	10,610	333,952	-4.8
Unbleached Kraft Linerbd	2,216,603	807,578	219,513	79,282	186,164	66,741	2,434,060	14.1
Other Unbleached Kraft	246,575	113,315	23,937	13,064	20,800	10,290	268,423	24.3
Other Bleached Kraft	795,305	582,979	64,366	52,849	51,147	42,701	693,080	8.7
Semi-Chemical Corrugating	31,162	14,494	2,656	1,077	2,471	1,094	30,758	-8.2
Recycled Paperboard	184,947	88,250	18,711	10,342	17,627	8,750	218,030	42.5
Convtd Paper&Paperbd Products	1,040,035	1,278,349	87,894	123,882	82,841	114,169	1,024,408	7.8
Paper Products, Total	473,435	832,606	33,487	77,817	32,065	72,644	393,309	-0.6
Paperboard Products, Total	566,601	445,543	54,407	45,865	50,776	41,524	631,099	18.8
Wet Machine Board	2,889	1,256	47	17	131	54	1,065	-55.1
Construction Paper & Board E	33,388	13,501	515	290	550	301	6,389	-81.0
Notes								
Other: No Weight Avail. ($000)		23,665		3,444		2,652	36,575	135.5
Total Exports Incl. Other($000)		8,627,898		745,394		674,321	8,518,289	11.8

SOURCE: Bureau of Census, U.S. Department of Commerce. E – Incl. estim. of tonnage based on square foot data.

(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description.

PRODUCER PRICE INDEXES 1982 = 100	YEAR 1988	YEAR 1989	DEC 1989	JAN 1990	FEB 1990	MAR 1990	Annual Rate Y-T-D 1990	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	124.8	132.4	133.5	133.4	133.3	133.2	133.3	1.9
Pulp Paper & Products, ex. Building Grades & ex. Waste Paper *	123.8	132.0	133.2	133.1	133.0	132.9	133.0	2.1
Total Wood Pulp	136.7	157.4	159.9	159.8	160.3	158.0	159.4	4.6
Total Paper	123.2	129.6	128.2	128.0	127.5	127.4	127.6	-1.7
Total Paper, exc. Newsprint	123.4	130.5	128.7	128.4	127.9	127.7	128.0	-2.1
Newsprint	127.6	122.4	117.8	117.9	115.1	115.3	116.1	-8.1
Total Paperboard	133.2	140.1	139.6	138.8	138.4	138.5	138.6	-0.3
Total Paper and Paperboard *	126.4	132.9	131.8	131.4	130.9	130.9	131.1	-1.2
Converted Products	123.0	131.7	134.5	134.5	134.6	134.6	134.6	4.2
Waste Paper	183.6	157.1	151.4	151.4	149.7	149.3	150.1	-5.1
All Commodities	106.9	112.2	113.0	114.9	114.4	114.2	114.5	3.2
Industrial Commodities	106.3	111.6	112.3	114.2	113.6	113.2	113.7	3.3

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

Paper and Allied Products Companies

Sales and Earnings

	Sales			Net Profit After Taxes			Net Profits/Sales	
	1990	1989	90/89	1990	1989	90/89	1990	1989
	(Thousand Dollars)		%	(Thousand Dollars)		%	%	%
			26	Paper and Allied Products Companies				
First Quarter	17,679,733	16,426,803	7.6	1,030,662	1,307,931	-21.2	5.83	7.96
Second Quarter		17,493,248			1,306,782			7.47
Third Quarter		17,223,709			1,341,552			7.79
Fourth Quarter		17,436,072			1,179,712			6.77
Year-to-date	17,679,733	16,426,803	7.6	1,030,662	1,307,931	-21.2	5.83	7.96
Full Year		68,579,830			5,135,977			7.49
			3	Forest Product Companies				
First Quarter	5,416,303	5,235,292	3.5	266,858	341,987	-22.0	4.93	6.53
Second Quarter		5,810,058			375,263			6.46
Third Quarter		5,730,507			396,336			6.92
Fourth Quarter		5,510,253			81,085 *			1.47
Year-to-date	5,416,303	5,235,292	3.5	266,858	341,987	-22.0	4.93	6.53
Full Year		22,286,110			1,194,671			5.36

* Includes net nonrecurring charge at one major company.

SALES AND EARNINGS

First quarter 1990 sales reported by 26 paper and allied products companies amounted to $17.7 billion, 7.6% above those in the first quarter of 1989. Net profits after taxes of just over one billion dollars were off 21.2% from the comparable 1989 period. At 5.8%, the first quarter ratio of net profits to sales slid from the its year-ago rate of 8%, still remaining in the upper portion of its long-term trend.

For 1989 as a whole, profits of these 26 companies averaged 7.5% of sales. The comparable figure reported by the Bureau of Census for all paper and allied products companies was 6.2%.

Data for the three major forest and wood products concerns with significant paper and board capacity displayed the same inherent patterns.

These data, along with quarterly and full year totals for 1989, are shown on page 10 of this report.

U.S. WASTE PAPER EXPORT DEVELOPMENTS

U.S. waste paper exports advanced 6% in 1989 to 5.7 million metric tons, according to a recent report prepared by API's International Department. Although last year's export gain trailed the double digit advances of the 1986-88 period -- perhaps because of slower growth in world paper and paperboard production -- it nevertheless added 0.4 percentage points to the U.S. recovery rate for waste paper. The combination of increased domestic demand and higher exports lifted U.S. waste paper recovery from 29.9% of new supply of paper and paperboard in 1988 to 32.4% last year.

Because 1989 was the first time that U.S. imports and exports were tabulated in accordance with the Harmonized System, data pertaining to specific grades of waste paper exports may not be fully comparable with previous years. Another important change in data concerns exports to Canada. Because Census Bureau data tend to understate U.S. waste paper exports to Canada, API measured 1989 waste paper exports to Canada based on import data reported by the Canadian Pulp and Paper Association. Historical data have been revised to reflect this shift. Beginning in 1990, the U.S. Department of Commerce will report all U.S. exports to Canada based on Canadian import data as reported by Statistics Canada.

The strongest 1989 gain in U.S. waste paper exports -- 19.8% to 1.16 million metric tons -- was registered by old newspapers, a category that also includes other paper made mainly of mechanical pulp. Over two-thirds of last year's increase in demand for old newspapers originated in the Far East, principally Korea and Taiwan. U.S. exports of old newspapers to Italy, Spain, and the

Netherlands also posted substantial gains.

Exports of old corrugated containers, a category that also includes unbleached paper and paperboard, rose 17.6% last year to over 2.6 million metric tons. Over half of last year's tonnage gain went to Mexico, possibly reflecting the start-up of a new linerboard machine. Mexico thus became the largest importer of OCC from the U.S. in 1989. OCC exports to the Far East also rose briskly last year.

Exports of mixed papers grew 3.8% last year, but exports of high-grade deinking papers and pulp substitutes plunged 20.6%. To some extent, the sharp drop-off may have reflected grade reclassification that took place in connection with shifting to the Harmonized System. Strong domestic demand for the high grades may have also resulted in smaller volumes available for exports. The sharpest drop in exports of high-grade waste papers was to Mexico, but U.S. shipments to the Far East were also off by more than 10%.

The table below identifies the seven largest importers of U.S. waste paper and compares their 1989 tonnage with that of 1988. These importing countries accounted for 87.7% of U.S. waste paper exports in 1987, 84.7% in 1988 and 80.6% last year. The declining importance of the seven largest importing nations suggests that the world market for U.S. waste paper has been broadening.

Copies of "U.S. Exports of Waste Paper in 1989" have been mailed to API member companies. The report is available to others for $75 (domestic) and $80 (foreign) from the API International Department.

SEVEN LARGEST IMPORTING COUNTRIES OF
U.S. WASTE PAPER
(Metric Tons)

Country	1989 Tons	1988 Tons	% Change 1989/1988
S. Korea	1,116,507	1,111,941	0.4%
Taiwan	1,060,270	899,480	17.9%
Mexico	975,088	1,027,949	-5.1%
Canada	554,113	584,670	-5.2%
Japan	481,217	551,380	-12.7%
Spain	220,958	153,888	43.6%
Italy	201,457	244,345	-17.6%
Total of Seven Countries	4,609,610	4,573,653	0.8%
Seven Countries As Percent Of Total	80.6%	84.7%	

INDUSTRY FACT SHEET:
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INDUSTRY FACT SHEET
MONTHLY STATISTICAL SUMMARY INSERT
VOL. 68, NO. 4
APRIL, 1990

PRODUCTION (000 TONS)

PAPER GRADES	(P) MAR 1990	(R) FEB 1990	MAR 1989	FIRST 3 MONTHS 1990	FIRST 3 MONTHS 1989	% CHANGE YR TO DATE 1990/1989
Newsprint	543	510	516	1,606	1,469	9.3
Printing & Writing	1,929	1,779	1,901	5,640	5,487	2.8
Uncoated Groundwood (s)	160	142	147	458	429	6.7
Coated Paper (s)	616	578	608	1,837	1,792	2.5
Uncoated Free Sheet Paper (s)	1,008	930	1,002	2,934	2,865	2.4
Thin Paper (s)	23	21	23	66	63	5.8
Cotton Fiber Paper (s)	15	14	15	42	42	-0.7
Bleached Bristols (s)	107	96	106	303	296	2.3
Tissue Paper	492	452	503	1,417	1,405	0.9
Total Pkg & Other Paper	412	375	436	1,206	1,277	-5.5
Unbl. Kraft Paper (s)	211	190	240	617	704	-12.3
Other Paper	201	185	196	589	573	2.8
TOTAL PAPER	3,375	3,116	3,356	9,869	9,638	2.4
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,714	1,536	1,653	4,937	4,839	2.0
Unbleached Kraft Linerboard	1,596	1,435	1,546	4,609	4,522	1.9
Other Unbl. Kraft Paperboard	118	101	107	328	317	3.6
Semichemical Paperboard	485	430	504	1,405	1,443	-2.7
Bleached Paperboard	388	356	387	1,127	1,114	1.2
Recycled Paperboard	765	677	760	2,194	2,223	-1.3
TOTAL PAPERBOARD	3,352	2,998	3,304	9,663	9,619	0.5
TOTAL PAPER AND PAPERBOARD	6,727	6,114	6,660	19,532	19,257	1.4

WOOD PULP (ALL GRADES)	FEB 1990	JAN 1990	FEB 1989	FIRST 2 MONTHS 1990	FIRST 2 MONTHS 1989	% CHANGE YR TO DATE 1990/1989
Dissolving & Special Alpha	92	125	102	217	229	-5.5
Bleached Sulfite)	139	125	120	264	262	0.4
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,174	2,385	2,112	4,559	4,493	1.5
Unbleached Sulfate	1,735	1,908	1,696	3,644	3,596	1.3
Semichemical	340	389	343	729	736	-0.9
Groundwood & Thermomechanical	509	548	437	1,057	956	10.5
TOTAL PULP DIVISION DATA	4,989	5,480	4,811	10,469	10,273	1.9

(s) - Shipments
P - Preliminary
R - Revised

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

April 30, 1990

	1988	1989	INDUSTRY DATA 1989 – 1990			Ann. Rate Year-To-Date 1990	% From Same Period Last Year
			R		P		
PAPER AND PAPERBOARD — Tons (000)			Jan	Feb	Mar		
Total Production (API) ..... excluding	76,466	76,646	6,991	6,114	6,728	78,128	1.4
Total Seasonally Adjusted ... construction			6,497	6,479	6,446	77,988	1.3
Imports (including Products) ... and wet ..... E	12,799	12,910	1,113	1,033	1,079	12,996	0.8
Exports (including Products) ... machine ..... E	5,559	6,284	581	499	561	6,567	4.6
Apparent Consumption ..... grades	83,694 a	83,282 b	7,029	7,013	6,963	84,458 c	1.5
Paper Production % Tonnage Capacity	95.4 g	92.4	94.4	96.2	93.9	94.8	-
Paperboard Production % Tonnage Capacity	94.5 g	93.5	93.4	93.5	94.1	93.7	-
			Dec	Jan	Feb		
IMPORTS ..... Including Construction and	13,110	13,101	1,016	1,123	1,043	12,998	2.2
EXPORTS ..... WMB Grades (excl. HPB)	5,691	6,300	515	582	500	6,492	11.7
MARKET WOOD PULP PRODUCTION – Tons (000)	8,585	8,664	648	770	680	8,582	-2.3
TOTAL WOOD PULP PRODUCTION – Tons (000)	61,161	61,998	4,991	5,480	4,998	62,814	1.9
WOOD PULP IMPORTS – TONS (000)	5,036	5,095	398	413	425	5,025	1.3
WOOD PULP EXPORTS – TONS (000)	5,526	6,231	585	420	410	4,981	-13.9
RAW MATERIALS CONSUMPTION – Tons (000)							
PAPER AND BOARD MILLS ... excluding			Dec	Jan	Feb		
Wood Pulp ..... consumption for	60,294	60,725	4,945	5,330	4,900	61,381	1.8
Waste Paper ..... construction &	19,021	19,987	1,596	1,767	1,618	20,314	5.0
TOTAL ..... WMB grades	79,315	80,722	6,540	7,097	6,519	81,696	2.6
PULPWOOD CONSUMPTION Corde (000) Amer. Pulpwd. Assn	95,497	98,414	7,936	8,563	8,108	99,966	2.9
EMPLOYMENT (000)			Jan	Feb	Mar		
Paper and Allied Products ..... Total	692.6	697.2	693.4	694.4	693.8	693.9	0.3
Pulp, Paper and Board Mills ..... Total ..... E	247.2	247.1	247.2	248.2	245.9	246.4	0.6
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			Jan	Feb	Mar		
Paper and Allied Products	11.86	11.93	12.13	12.12	12.12	12.12	2.7
Pulp, Paper Mills ..... E	14.31	14.71	14.95	14.96	14.96	14.96	3.2
Paperboard Mills ..... E	14.49	14.76	14.96	14.97	14.98	14.98	3.1
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1989 Q3	1989 Q4	1990 Q1		
(Rept. by US Dept. of Com., Ann. Rates, Bill. $)*	11.36	15.69	15.82	17.69	18.00	17.72 Y	12.9
INDEX OF OUTPUT PER MAN-HOUR (1977=100)			Jan	Feb	Mar		
IN PULP, PAPER ... Production Workers	146.0	146.6	150.3	148.7	149.4	149.5	0.4
AND BOARD MILLS ... All Employees	142.9	143.5	146.9	145.3	145.4	145.8	0.2
PAPER AND ALLIED PRODUCTS (Million $)			Dec	Jan	Feb		
Industry Shipments (Dept. of Commerce)*	127,718	130,501	10,581	10,679	10,767	128,670	-1.4
Pulp, Paper and Paperboard*	57,177	57,700	4,481	4,551	4,618	55,014	-6.3
Inventories (End of Period) – Total Industry*	12,085	12,571	12,571	12,725	12,699	12,699	6.3
Pulp, Paper and Paperboard*	4,325	4,960	4,960	4,998	4,979	4,979	11.3
PAPER AND ALLIED PRODUCTS COMPANIES			1989 Q2	1989 Q3	1989 Q4		
Sales (Corporations Only)	107,221	112,238	28,534	28,096	28,327	N.A.	N.A.
Earnings (Corporations Only)	8,081	7,000	2,022	1,850	1,149	N.A.	N.A.
Depreciation (Corporations Only)	4,625	4,954	1,231	1,247	1,289	N.A.	N.A.
Net Worth (Corporations Only)	42,940	45,888	45,242	46,513	45,888	N.A.	N.A.
PRICE INDEXES (Bureau of Labor Stats) 1982=100			Jan	Feb	Mar		
Pulp, Paper & Products, ex. Building Grades	124.8	132.4	133.4	133.3	133.2	133.3	1.9
Wood Pulp	136.7	157.4	159.8	160.3	158.0	159.4	4.6
Waste Paper	183.6	157.1	151.4	149.7	149.3	150.1	-5.1
Paper	123.2	129.6	129.0	127.5	127.4	127.6	-1.7
Paperboard	133.2	140.1	138.8	138.4	138.5	138.6	-0.3
PAPER DEMAND (INDEXED: 1977=100)			Jan	Feb	Mar		
Total Paper Production *	136.4	137.7	142.6	142.7	139.7	141.7	2.4
Paper New Supply *	144.4	142.1	147.4	145.1	143.9	145.5	2.1
Demand Indicators – (Weighted Average) *	183.7	175.6	180.4	181.3	181.1	180.9	5.2
Production of Nondurable Goods ..... * ..... (21.2%)	143.9	150.4	152.5	152.2	151.5	152.1	2.5
Disposable Income ..... * ..... (23.9%)	134.9	140.6	142.3	142.8	143.1	142.7	2.4
Total Printing and Publishing ..... * ..... (54.9%)	183.8	200.6	207.8	208.3	209.1	208.7	6.8
				Not Available			
PAPERBOARD DEMAND (INDEXED: 1977=100)							
Total Paperboard Production *	131.5	132.7	132.9	132.0	133.4	132.8	0.3
Production for Domestic Use	128.8	129.7	128.3	128.1	128.4	128.3	-0.6
Demand Indicators – (Weighted Average) *	132.5	137.2	135.8	137.0	138.0	136.9	0.4
Production of Consumer Goods ..... * ..... (82.06%)	133.9	139.4	138.0	139.7	140.7	139.5	0.7
Production of Equipment ..... * ..... (5.75%)	158.2	164.2	163.5	164.9	166.1	164.8	1.9
Production of Materials ..... * ..... (32.19%)	125.3	128.1	126.7	126.8	127.6	127.1	-0.4
				Not Available			
NEWSPRINT MARKETS			Dec	Jan	Feb		
Consumption by Publishers – Tons (000)	13,497	13,483	1,134	1,087	1,014	12,487	0.1
Newspaper Pub. and Printing Empl. Total (000)	475	478	483	481	481	481	0.8
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.)	172,580	177,848	15,184	10,400	13,850	145,496 e	-4.4
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prods., ex Wallpaper ... Sales	52,377	56,903	4,932	4,392	4,014	50,436	-3.4
Inventories (End of Period)	4,436	4,508	4,508	4,171	4,126	4,126	-9.6
FIBRE BOX DATA (Fibre Box Association)			Jan	Feb	Mar		
Fibre Box Shipments (Million square feet)	308,507	313,400	27,809	24,167	28,667	313,772	0.8
Container'bd Inventory at Mill & Plant (000T ons)	2,583	2,569	2,665	2,559	2,639	2,639	2.7
RETAIL TRADE ($Billion $)			Jan	Feb	Mar		
Total Retail Sales *	1,622	1,711	149.9	149.5	148.6	1,792	8.9
Nondurable Goods Stores Sales *	996	1,062	93.7	94.7	94.3	1,131	9.0
GENERAL ECONOMIC DATA			Jan	Feb	Mar		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*	137.2	141.7	141.0	141.9	142.7	141.9	0.8
PRODUCER PRICES (ALL COMMODITIES) (INDEX 1982=100)	108.9	112.2	114.9	114.4	114.2	114.5	3.2
CONSUMER PRICES (ALL ITEMS–URBAN CON.) (1982–4=100)	118.3	124.0	127.4	128.0	128.7	128.0	5.2
			Dec	Jan	Feb		
TOTAL CONSUMER CREDIT OUTSTANDING – (Billion $)	671.4	728.7	728.7	723.4	718.7	718.7	5.3
GROSS NATIONAL PRODUCT – ANNUAL RATE ($Billion)			1989 Q3	1989 Q4	1990 Q1		
G.N.P. or Expenditure – Current $	4,861	5,234	5,281	5,340	5,441	5,441	6.4
G.N.P. or Expenditure – 1982 $	4,024	4,144	4,163	4,174	4,196	4,196	2.2

Pounds Per Capita

Pap & Papbd	Other	Total	Popul (mil)
.a – 677	+ 14 =	691	247.4
.b – 667	+ 13 =	680	249.9
.c – 675	+ 13 =	688	250.3

f – Wood Pulp Production excludes del., expls & scr.

h – First 3 quarters, annual rate

I – End of Sept Q – Quarter

R – Revised Y – Full year est by Dept of Commerce

E – Last month est by API